Europäisches Patentamt

European Patent Office

Office européen des brevets



(11) EP 1 464 335 A2

(12)

EUROPEAN PATENT APPLICATION

- (43) Date of publication: 06.10.2004 Bulletin 2004/41
- (21) Application number: 04007651.5
- (22) Date of filing: 30.03.2004

(51) Int CI.7: **A61K 31/4709**, C07D 401/12, C07D 403/12, C07D 405/12, C07D 409/12, C07D 413/12, C07D 417/12, C07D 417/14, C07D 215/38, A61K 31/506, A61P 3/04

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR Designated Extension States: AL LT LV MK

- (30) Priority: 31.03.2003 US 458530 P 19.08.2003 US 495911 P 09.10.2003 US 510186 P 16.12.2003 US 530360 P
- (71) Applicants:
 - Taisho Pharmaceutical Co. Ltd. Tokyo (JP)
 - Arena Pharmaceuticals, Inc. San Diego, CA 92121 (US)
- (72) Inventors:
 - Sekiguchi, Yoshinori
 Taisho Pharmaceutical Co. Ltd
 Tokyo (JP)
 - Kanuma, Kosuke Taisho Pharmaceutical Co. Ltd Tokyo (JP)

- Omodera, Katsunori
 Taisho Pharmaceutical Co. Ltd
 Tokyo (JP)
- Busujima, Tsuyoshi
 Taisho Pharmaceutical Co. Ltd
 Tokyo (JP)
- Tran, Thuy-Anh San Diego CA 92130 (US)
- Han, Sangdon
 San Diego CA 92127 (US)
- Casper, Martin
 San Diego CA 92130 (US)
- Kramer, Bryan A.
 San Diego Ca 92126 (US)
- Semple, Graeme
 San Diego CA 92127 (US)
- Zou, Ning San Diego CA 92127 (US)
- (74) Representative: HOFFMANN EITLE
 Patent- und Rechtsanwälte
 Arabellastrasse 4
 81925 München (DE)
- (54) QUINOLINE, TETRAHYDROQUINOLINE AND PYRIMIDINE DERIVATIVES AS MCH ANTAGONIST
- (57) The present invention relates to compounds of the Formula (I)



wherein Q is: